

ksc bulletin



Fortieth Anniversary
Pioneering the Future

National Aeronautics and
Space Administration

No. 28-99 - July 16, 1999

John F. Kennedy Space Center
Kennedy Space Center, Florida 32899

Published weekly under the provisions of KMI 1590.2. Mail items to KSC Bulletin on KSC Form 7-121.
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Advertised items must be available without regard to race, color, religion, sex, age, national origin, or disability.
URL: <http://www-lib.ksc.nasa.gov/lib/bulletin/bulletin.htm> (KSC only)
Deadline for Official/Unofficial notices - Monday, 9 a.m.

O F F I C I A L

JULY HEALTH EDUCATION & WELLNESS PROGRAM—YOUR MIND AND BODY—WHAT YOUR HEAD CAN DO TO YOUR HEALTH:

July's health education packet will look at what your thoughts, attitudes and emotions can do to your health and well being. What effect does stress, anger, depression, positive or negative thinking, laughter and pleasure have on the body's susceptibility to, or prevention of, disease? Researchers are making new discoveries in how the mind-body connection can influence your life and health. Packets will be available at all medical facilities in July and upon request to Carol Roth, 867-3414, CHS-005, email **Roth-1, Carol**. (JJ-C)

COLORECTAL CANCER SCREENING: Screening kits (Hemoccult slides) are available at all medical facilities during hours of operation. (JJ-C)

VISION SCREENING: Tuesday, July 27, from 11 a.m. to 1 p.m. at the OHF (Occupational Health Facility). (JJ-C)

KSC FITNESS CENTERS—NUTRITIONAL COUNSELING: The KSC Fitness Centers now have a Nutritionist on staff! To schedule an appointment for free nutritional counseling, please call 867-7829 and ask for Cathy. (JJ-C)

EXERCISE AND PREGNANCY: KSC Fitness Centers present Exercise and Pregnancy on Wednesday, July 28, from 4:30 p.m. to 5:30 p.m., in the O&C Aerobics Studio. You and your baby deserve the best health possible! Call 867-7829 to sign-up. (JJ-C)

KSC FITNESS CENTERS PRESENT LUNCH AND LEARN FOR JULY—BEATING THE BOREDOM BLUES: July 23, 12:00 noon to 12:30 p.m. Bring your lunch and learn motivation techniques and tips for mixing up your workout program. Call 867-7829 for the location, and to sign-up. (JJ-C)

FLAGS AT HALF STAFF: The flags of the United States flew at half staff at the Kennedy Space Center from July 9 through July 12, 1999 and will fly at half staff on July 19 in memory of Apollo 12 Commander Charles P. "Pete" Conrad. Captain Conrad died on July 8, and will be buried on July 19. (FF-S1-B)

EMPLOYEE ASSISTANCE PROGRAM: All employees are reminded that the Employee Assistance Program offers free, confidential counseling to all Kennedy Space Center and Cape Canaveral Air Station employees. Appointments are necessary to ensure adequate time. This program is available Monday through Friday, 7:30 a.m. to 4:00 p.m. Appointments may be made by calling 867-7398. (JJ-C)

KSC CELEBRATES THE 30TH ANNIVERSARY OF APOLLO 11: July 16, 1999 there will be an Apollo Exhibit Groundbreaking in Titusville. Gene Cernan will be signing books from 3 p.m. to 5 p.m., and there will be an Apollo 11 Commemorative dinner at 8 p.m. July 17, 1999, the KSC Main Complex area and the Apollo/Saturn V Center will have activities throughout the day. Highlights include briefings by Astronauts Buzz Aldrin, Wally Schirra, Walt Cunningham and Gene Cernan; national unveiling of the "Man Walks on the Moon" stamp at 11 a.m.; a 60's concert (the Supremes and the Birds) at 1 p.m.; book and autograph signing by Gene Cernan, Wally Schirra, and Andrew Chaikin; and, launching scale models of the Apollo/Saturn V moon rockets at 1 p.m. All activities are open to the public. For a more comprehensive listing of the Apollo 11 events, please visit the following website, **<http://www.hq.nasa.gov/office/pao/History/ap11ann/eagle.html>**. (AB-F2)

KSC LIBRARY: The NASA History Office is pleased to announce the availability of a new CD-ROM entitled *Remembering Apollo 11: The 30th Anniversary Date Archive*. This CD-ROM has a variety of detailed technical reports and data such as the Mission Operation Reports, News References, and Press Kits from all the Apollo missions in pdf form. It also contains a variety of other information such as biographies, mission summaries, mission patches, technical diagrams, and several electronically formatted books such as the photo-filled *Apollo Expeditions to the Moon* (SP-350), and audio and video clips. The CD runs on both Mac and PC platforms and requires Windows 95 or higher. You may obtain a copy of the CD-ROM by sending a self-addressed, padded envelope with \$1.90 in postage to the NASA Headquarters Information Center, Mailcode CI-4, 300 E Street SW, Room 1H23, Washington, D.C. 20546-0001, 202-358-0000. (FF-S2-A)

CALIBRATION SUPPORT SERVICES: The United States Calibration Support Services Laboratory will be changing over from water to hydraulic fluid for the period of July 19-23, 1999 to support hydraulic flowmeter calibrations. Users who have requirements for hydraulic flowmeter calibrations are requested to contact the Cal Lab at 867-3059 prior to July 19, 1999. (LO-G4-C)

YEAR-END PROCESSING OF PROCUREMENT DOCUMENTS: To assure contractual action prior to September 30, 1999, GG and OP have established June 30, 1999 as the cutoff date for receipt of MR/PR's over \$100,000, and July 30, 1999 as the cutoff date for receipt of MR/PR's less than \$100,000. For questions, call 867-7345, OP-AMO. (OP)

VOLUNTARY EARLY OPTIONAL RETIREMENT (VERA): VERA is effective through September 30, 1999. This authority was granted with the understanding that there would be no coercion of employees and that wherever possible, vacancies created by retirement will be used to ease the impact of organizational changes brought about through reinvention of the Federal government. Employees who are at least 50 years of age and have completed 20 or more years of creditable service and employees who, regardless of age, have completed 25 or more years of creditable service are eligible for VERA. Annuities of CSRS employees under age 55 will be reduced by 1/6th of 1% for each full month they are under age 55. The annuity will not increase when age 55 is attained. To schedule an appointment, interested employees should contact Marie Donat, 867-3620. (HM-A-3)

FEDERAL EMPLOYEES HEALTH BENEFITS EXTENSION OF COVERAGE: The Federal Employees Health Benefits Amendments Act (PL 100-654) has provided separated employees, certain dependent children, and former spouses the option of keeping their Federal Employees Health Benefits (FEHB) plan for specific periods of time. Under the provisions, employees who leave the Government, either voluntarily or involuntarily, are eligible to continue FEHB coverage for 18 months if (1) the employee was enrolled in the FEHB at time of separation; and, (2) the employee was NOT fired because of "gross misconduct." This includes employees who retire and are not eligible to continue FEHB coverage as annuitants. Children who become age 22 and ex-spouses may continue coverage for up to 36 months provided they had coverage under a Federal employee at the time of the event. These individuals have continuation of coverage for 31 days at no cost to them. However, within 60 days of the event, they must submit paperwork to continue their FEHB. For more information, contact one of the following benefits personnel: Kathy McIntosh, 867-2504 or Sharon Lowry at 867-2514. (HM-PER-3)

EMAIL USERS: Email is an informal communication and is not to be used as the primary way to document official Agency business. Should official business be transacted using this system, hardcopy documents of the email messages must be produced along with transmission and receipt data, directories, and distribution lists. They must be filed, maintained, and disposed of in accordance with NPG 1441.1 (as revised), NASA Records Retention Schedule. After the hardcopy has been produced, messages may be deleted from the email system. For more information, see NASA Headquarters CIO Executive Notice 12-96, 2/20/96. (FF-S2-A)

ATTENTION ALL CIVIL SERVICE EMPLOYEES REPRESENTED BY AFGE LOCAL 2498: Employees represented by AFGE Local 2498 are advised of their right to union representation at any examination of them, in the unit, by a representative of the employer, in connection with an investigation if: (1) The employee reasonably believes that the examination may result in disciplinary action against the employee, and (2) the employee requests representation. This right is conferred by Section 7114 (a) (2) (B) and (3) of Chapter 71, Title 5, U.S.C., and is also contained in Article 4, Section 2, of the Negotiated Agreement. Under Article 5, Section 3, of the Agreement, the Union also has the right to be represented at any formal discussion between representatives of the employer and unit employees, or their representatives, concerning grievances, personnel policies or practices, or conditions of employment. (HM-A-3)

SHUTTLE BUS CAUTION: Passengers exiting and crossing in front of Shuttle Buses are in danger of being struck by oncoming vehicles passing the stopped Shuttle Buses. Passengers are cautioned to be alert for oncoming traffic, and vehicle operators should use extreme caution when passing stopped Shuttle Buses and yield to pedestrians. (EI)

PEDESTRIAN SAFETY: Pedestrians crossing roadways on Kennedy Space Center are reminded to yield the right-of-way to all vehicles when crossing the roadway at a point not within a marked crosswalk. Motorists are reminded to yield the right-of-way to pedestrians crossing the roadway in a marked crosswalk when the pedestrian is on the half of the roadway the vehicle is traveling, or when the pedestrian is approaching so closely as to be in danger. (FF-S1)

ORDERING BLANK FORMS/PUBLICATIONS: All requests for blank forms and publications should be submitted on KSC Form 7-11 to the Forms Warehouse (mailcode: "FORMS WAREHOUSE"). Allow approximately 5 working days to receive the requested material. Any requests for emergency or work-stoppage forms will be handled by Forms Control by calling 867-3590. Customers should not go directly to the warehouse to pick up forms without calling Forms Control first. Customers cannot call the Forms Warehouse direct because they have an unlisted telephone number. (FF-S2-A)

KSC MAIL SERVICES: Proper mailcodes are essential for all items placed in the inter-office mail system. Failure to use them will delay delivery time. To obtain mailcodes, call 867-4369. It is the responsibility of KSC employees to notify senders from elsewhere of their correct mailcodes. (FF-S2-A)

EMERGENCY MEDICAL ASSISTANCE: NASA has contracted with SOS International to provide emergency medical assistance for NASA Civil Service and contractor employees who are traveling overseas on official NASA business. The Occupational Health Facility (OHF) at KSC has information about this service for personnel traveling overseas. Those people traveling to the TAL sites in Spain and Africa will be provided this information by the GOMs prior to each trip. Before beginning your international travel, please contact the OHF to receive an SOS access card and access service guide. Appointments can be made at the OHF by calling 867-2025. (JJ-C)

OCCUPATIONAL MEDICINE PATIENT SERVICES PROGRAMS: All employees are reminded that nonoccupational-related information obtained from medical treatments, physical examinations, Health Education Program screenings, and mental, emotional, and substance abuse counseling through the Employee Assistance Program is PRIVATE, STRICTLY CONFIDENTIAL, AND SUBJECT TO THE PRIVACY ACT. (JJ)

EMPLOYEES WITH DISABILITIES: Employees with special transportation needs may call 867-7685 for intra-Center transportation. Transportation will be provided from 7:30 a.m. to 4:00 p.m., Monday through Friday, on an as-called basis. For additional information, call 867-2307, Equal Opportunity Office. (AJ)

KSC LIBRARY—INTERNET RESOURCES: The "Index of KSC Specifications and Standards," KSC GP-364, is available on the World Wide Web. Active ones are available in full text PDF versions at <http://www-lib.ksc.nasa.gov/lib/gp364.htm>. (FF-S2-A)

KSC LIBRARY—REQUEST FOR LIBRARY CIRCULATION MATERIAL: KSC employees are required to submit KSC Form 16-19 to request library materials. A written, work-related justification and the signature of the organization's Library Materials Coordinator (LMC) are also required. The Library will not process and submit invoices for payment for materials personally ordered by employees directly from publishers or vendors. (FF-S2-A)

KSC LIBRARY: The NASA-wide library catalog, NASA GALAXIE, is available to KSC civil service and contractor personnel via the World Wide Web at <http://nasagalaxie.larc.nasa.gov/>. (FF-S2-A)

EAP TODAY: A 12-minute Employee Assistance Program Orientation Video can be viewed on KSC/CCAS Channel 60 every Tuesday at 11 a.m. If you have any questions after viewing the video, or if you do not have access to the video and would like the EAP to visit your site, please call Marion Ruffing at the Comprehensive Health Services, OHF, 867-7398. (JJ-C)

DISCRIMINATION COMPLAINTS: Whenever a NASA KSC employee or applicant for employment believes they have been discriminated against based on race, color, religion, sex, national origin, age, or handicap, the employee **must contact an EEO Counselor within 45 calendar days** of the incident giving rise to the complaint. An informative Equal Employment Opportunity Program poster with counselors' identities and further complaint information is on all KSC Official Bulletin Boards. EEO Counselors are trained to inform you of your rights, answer your questions, and can do limited fact finding into your allegations. Counseling is a confidential process, and only the employee can authorize a counselor to discuss his or her issues with another party. For further information, contact the KSC EO Program Office at 867-2307. (AJ)

AUTHENTICATED:



Marilee Tewksbury, Center Services (FF-S2-A)

KEEP FAUCETS IN GOOD REPAIR—EVEN A SLOW DRIP WASTES WATER ANC COSTS YOU MONEY.

U N O F F I C I A L

CAFETERIA MENU FOR WEEK OF JULY 19 THROUGH JULY 23

*MONDAY Potato & Onion Soup HEALTHY FARE- Baked Chicken Fried Chicken Pork Fried Rice w/ Vegetable Egg Roll Hot Deli Sandwich- Roast Beef	*TUESDAY Knickerbocker Soup HEALTHY FARE- Pasta Primavera Baked Stuffed Pork Chops Hot Deli Sandwich- Baked Ham	*WEDNESDAY Pasta Fagiolo Soup HEALTHY FARE- Roast Turkey w/Dressing & Cranberry Sauce Veal Parmesan w/ Spaghetti Hot Deli Sandwich- Corned Beef	*THURSDAY Chicken Gumbo Soup HEALTHY FARE- Stuffed Cabbage Roll Beef Tips o/Noodles Hot Deli Sandwich- Roast Turkey	*FRIDAY Manhattan Clam Chowder HEALTHY FARE- Baked Tilapia w/Hushpuppies Fried Tilapia w/Hushpuppies Chicken A La King o/Rice Hot Deli Sandwich- Roast Pork
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*Assorted vegetables, salads, desserts, and beverages available daily. Vegetable soup available daily—bowl \$1.10/cup \$0.60. Vegetable plate available daily—three vegetables for \$2.20. Each Wednesday and Friday a "Cook's Special of the Day" is available and will be posted in each cafeteria. Menu subject to change due to market conditions or availability.

NASA EXCHANGE: Did you know? The STS-93 mission cachets have arrived and are now available in all the NASA Exchange Store locations. We have also received a very SPECIAL cachet, with a biographical data card included, recognizing Eileen Collins, Shuttle Commander STS-93, as the First Woman Shuttle Commander. Don't forget the NASA Exchange still has a great selection of STS-93 mission shirts, patches, hats, pins, decals, emblems and medallions. So, shop early while selection is best. See you at the NASA Exchange.

KSC EXCHANGE SERVICE STATION: Lube, oil, and filter—just \$18.95, includes up to 5 quarts of 10W30 oil, check fluid levels, tires and pressure, belts, hoses, tire pressure, and a visual safety check. For appointment, call 453-1254.

KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS: Repos located at the Merritt Island office. 1995 Pontiac Firebird, \$12,995; 1996 Plymouth Voyager Mini Van, \$9,500; 1997 Chevy Camaro convertible, \$17,495. Call 455-9400, ext. 251.

WEIGHT WATCHERS AT WORK: Get in the summer spirit!!! Lose those extra pounds. New session starts July 22 in the HQ building, Room 2414, at 11:30 a.m. Meetings will be on Thursday's. For more information call Marilyn at 452-0884.

ROCKET LAUNCH: The Spaceport Rocketry Association will conduct its monthly high power sport rocket launch on Saturday, July 17, from 11 a.m. to 4 p.m. at its Palm Bay launch sight. Scores of high power rockets will be launched throughout the day from a six-pad launch facility. Typical launches include rockets up to ten feet in length powered by "K" class (120 pound thrust) motors. An FAA waiver has been secured for flights up to 10,000 feet. Six pads are also available for low power (Estes type) mode rockets. Come launch your own or just watch the big ones scream into the sky! All launches are conducted within the safety guidelines prescribed by established national organizations. A detailed map to the launch site can be obtained at the following URL: <http://members.aol.com/tmiller135/sra/map2site.gif>. For more information, contact Gary Dahlke, evenings, at 636-7298 or email at rocket1@palmnet.net. Visit the website at <http://members.aol.com/tmiller135/sra>.

MICROSOFT OFFICE 97 ON-SITE TRAINING: The Astronauts Memorial Foundation (AMF) is now offering Microsoft Office 97 applications training (PowerPoint, Access and Excel) to NASA and contractor personnel. The hands-on training sessions are conducted at the Center for Space Education located at the KSC Visitor Complex. Contact your training coordinator for more information. Carrie Parrish and Terry Stefanovic of the AMF Educational Staff are also available to answer your questions and can be reached at 452-2887.

KSC BARRACUDAS: The KSC Barracudas Skin and Scuba Diving Club holds monthly general meetings on the third Tuesday at 7 p.m. at the Merritt Island Public Library, 1195 N. Courtney Parkway, Merritt Island, FL 32953. All members and guests are invited. For more information, contact Bill Little at 853-7703 or email at cudas@mindspring.com. Visit our web site at www.mindspring.com/~cudas/home.html.

SPACEPORT GUN CLUB: The Spaceport Gun Club is offering the NRA Personal Protection Course Saturday, July 31, at KARS Park I, Merritt Island, 2 miles north of the barge canal bridge, turn east off SR 3. Session is at the clubhouse, 8:30 a.m. to 5:30 p.m. Class size limited on first-enroll basis. Class fee \$25. To sign up for class or additional information, call John Czere at 631-8637(h) or Bruce Laubenheimer at 783-1586(h). Students will be required to furnish: 1.) Handgun properly cased for transportation (NOTE: No caliber larger than 45); 2.) 78 rounds of factory loaded ammunition; 3.) Eye protection (glasses); 4.) Hearing protection.

BREVARD COMMUNITY COLLEGE (BCC): BCC is arranging for an upgrading of the Logistics Systems Technology Degree Curriculum and also the offering of a Degree in Transportation Management. Two courses, one for each of the two degrees, have been added to the published Fall term listing of courses. ETI-1200-70K "Introduction to Logistics," 3 credit hours, 5:00 p.m. to 7:45 p.m., Room 1116G, NETC, Wednesdays; TRA-1032-70K "Introduction to Transportation and Traffic Management." 3 credit hours, 5:00 p.m. to 7:45 p.m., Thursdays, Room 116G, NETC. For further information, call 449-5046/5051, or visit BCC offices in the NASA Education and Training Center.

BREVARD COMMUNITY COLLEGE (BCC): Notice #1. Fall Semester schedule of classes will be published July 1 in the Florida Today newspaper and copies of the schedule will be distributed to Training Offices. Copies of the schedule will also be available from the BCC office at the NASA KSC Education & Training Center Office, 449-5046. Notice #2: **Registration for Fall Semester Classes (at all BCC campuses including KSC/CCAS) for KSC/CAS personnel will be conducted by the Titusville Campus Student Development Office. telephone number 632-1111, ext. 42005, versus the KSC BOC office.**

EMBRY-RIDDLE UNIVERSITY: Embry-Riddle University will be offering a Master of Science in Industrial Optimization Degree Program on-site at KSC beginning in August, 1999. The 2-year program is designed to assist scientists and engineers in developing optimization and statistical quality improvement skills for product design and process improvement. The courses will be taught one-at-a-time in a 9-week term format. This practical program will use aerospace case studies and emphasize computer applications. Applications should be submitted immediately to afford time to process the applications prior to the program start date. For more information and a schedule of classes, send an email message to **osborned@db.erau.edu** or contact Dr. Deborah Osborne, Program Coordinator, at 904/226-7688.

FLORIDA INSTITUTE OF TECHNOLOGY: Florida Tech offers a variety of master's degree programs, e.g., Master of Science in: Management, Computer Information Systems, Space Systems, Engineering Management, Acquisition and Contract Management. Florida Tech is located at the NASA Education and Training Center, corner of 2nd Street and B Avenue (Industrial Area). Fall registration begins July 26, with classes starting the week of August 30. To obtain a catalog and/or application, please call 453-2030 or 784-2045.

FLORIDA SPACE INSTITUTE FALL 1999 COURSE SCHEDULE: Florida Space Institute's (FSI) Educational Division will be sponsoring courses at KSC and Cape Canaveral Air Station (CCAS) for the Fall 1999 term. A Graduate course offered in **Spacecraft Design** is open to students of all engineering disciplines. The Undergraduate course selection includes **Satellite Communications, Satellite Payloads, Introduction Space System Technology, Applied Boundary Value Problems I, and Space Science & Technology** scheduled to be taught by **former astronaut Dr. Sam Durrance**. Some courses may apply to two new programs sponsored by FSI: A Master of Science in Aerospace Engineering (MSAE) and an Undergraduate Space Studies Minor from the University of Central Florida's Mechanical, Materials and Aerospace Engineering Department. FSI's Educational Division is comprised of colleges and universities that offer "practice-based" courses to students. Current schools participating include: Brevard Community College, Broward Community College, Embry Riddle Aeronautical University, Florida Tech and the University of Central Florida. For further information, please contact Cassie Spears, Academic Coordinator, at 730-2603. Class listings can be obtained through the FSI website: **http://fsi.ucf.edu/**.

UNIVERSITY OF CENTRAL FLORIDA REGISTRATION: UCF will offer Graduate Engineering and Undergraduate Engineering Technology taped courses through the Florida Engineering Education Delivery System (FEEDS) at Cape Canaveral Air Station (CCAS) for the Fall 1999 semester. Fall term begins August 19 and runs through December 4. Classes will be held in Room 123, Building AM (north entrance), located on the west side of Hangar Road at CCAS. Courses in FEEDS can lead to Master's degrees in Civil, Environmental, Computer, Electrical, Industrial, Engineering Management, Mechanical and Aerospace disciplines. Undergraduate offered courses can apply towards a Bachelor's degree in the field of Engineering Technology. **Early registration is continuing for all UCF courses through July 30. For registration hours and further information, please contact Cassie Spears at 730-2603.** FEEDS course listings can also be obtained through the Florida Space Institute website: **http://fsi.ucf.edu/**.

PERSONALITY PREFERENCE TESTING: Robin Lusardi and Sherryll Vida of our **CTAP** office are certified to administer and interpret **The Myers-Briggs Type Indicator** evaluation. Discover the real YOU! Capitalize on your personality type and communication skills. They will also meet with NASA work groups to discuss how working productively and smoothly requires an understanding of ourselves as well as our co-workers. Telephone Robin or Sherryll at **CTAP**, 867-4350.

P E R S O N A L

CARPOOLS

Vanpool seats: Daytona/Port Orange/New Smyrna to OPF/VAB/LCC Areas, 6:30/7:00-3:30, Steve, 861-1485/904-238-3629.
Vanpool seats: IHB/Satellite Beach/PAFB/CB/CC to CCAS/KSC Industrial Area, 7:30-4:30, Anderson, 867-6135/777-5632.
Vanpool seats: Satellite Beach/CB/CC to CRCA/LOG/OSB/VAB/LCC Areas, 7:00-3:30, Wendy, 861-6001/773-5822.
Vanpool seats: Melbourne Beach/Indialantic/IHB/CB/Cape Canaveral to CCAS/KSC Industrial Area/VAB, 7:15-3:45, Goodrich, 867-6956/725-7383.
Vanpool seats: Melbourne to LC-39, 7:00-3:30, seats available, John Coriell, 861-5620/259-1955.
Vanpool seats: Melbourne/Eau Gallie to KSC Industrial Area, 7:30-4:00, Don, 867-4634.
Vanpool seats: Melbourne/Eau Gallie/Viera to OSB/LOG/VAB/OPF/LCC/Pad A & B, Galbraith, 861-0762/259-3138.
Vanpool seats: Palm Bay/Melbourne/Viera to KSC Industrial Area, 7:00-3:45, Steve, 867-3812/724-5436.
Vanpool seats: Palm Bay/Melbourne to KSC Industrial Area, 7:30-4:00, Ed, 867-4500/676-2533.
Vanpool seats: Palm Bay/Melbourne (Eau Gallie Blvd.)/Suntree (Budgetel Inn) to KSC Industrial Area, 8:00-4:30, Ed, 867-0851/984-3861.
Vanpool seats: Palm Bay/Suntree to LC-39/OPF/Logistics/OSB/PCC, 7:00-3:30, Mark, 861-0991/725-6677.
Vanpool seats: Palm Bay/Eau Gallie/Suntree to USBI/OSB/LCC/VAB/OPF Areas, 7:00-3:45, Dan, 861-2488/952-8840.
Vanpool seats: Palm Bay/I-95-Malabar Road/Melbourne to CCAS Industrial Area, Rick, 853-9807/722-3649.
Vanpool seats: Rockledge/Cocoa Areas to KSC, 6:45-3:30, home pickup possible, Richard, 867-2380/639-2974.
Vanpool seats: Daytona/New Smyrna to OPF/VAB/LCC/Pads/ARF, 7:00-3:30, Tom, 867-7042/904-409-3923.
Vanpool seats: E. Orlando/Hwy. 50 Tiffanys/Wal-Mart/Bithlo to LC-39 Areas/Heavy Equip./OSB/Complexes/PCC, 7:00-3:30, Gene, 861-0731/677-7394.
Vanpool seats: Orlando/Conway Area via Hwy. 50 to KSC North Areas, 7:00-3:30, Schaefer, 861-5640/273-3048.
Vanpool seats: Orlando/Conway/Union Park/Bithlo to VAB, USBI, OSB & Wiltech Areas, 7:00-3:45, Fishell, 861-2470/407-859-4009.
Vanpool seats: Orlando Fashion Square/Hwy. 50/Sam's Club to O&C/HQ/CIF/LC-39 & Logistics Areas, Al, 867-4457/894-3068.
Vanpool seats: Orlando/West 50 & Hiawassee/Metro West/Goldenrod & E/W /Alafaya & 50 to KSC Industrial Area, 7:15-4:00, Ed, 867-3587/299-7543.
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 8:00-4:30, Erik, 867-3333/657-6032.
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 7:30-4:00, Don, 867-6010/365-0586.
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to KSC Industrial Area, 7:00-3:30, David, 867-7138.
Vanpool seats: E. Colonial at Dean Road/419 Park & Ride to KSC Industrial Area, 7:00-4:00, Browning, 867-7468/277-8997.
Vanpool seats: W. Colonial/Kirkman Road/Dean Road/Bithlow Park & Ride to LC-39 Areas, 7:00-3:30, Hall, 861-5355/422-3681.
Carpool: Melbourne to KSC Industrial Area, Dominguez, 867-3072/952-9460.
Carpool: Oviedo to OSB, 7:00-3:30, looking for additional member, Asli, 861-4149/359-0506.
Carpool: Sandord/Geneva/Oviedo to OSB/VAB Area, 7:00-3:45, Chris, 861-2188/321-8461.
Ride needed/form carpool: Coventry of Cocoa (Highway 524) to O&C Building, 8:00-4:30, Setzer, 867-8681/639-9062.
Ride needed/form carpool: Daytona Beach to SSPF, non-smoker, 8:00-4:30, Ray, 867-0789.
Ride needed/form carpool: N. Melbourne/Indialantic/Satellite Beach to CCAS/LOCC/CX36, 7:00-3:30, Cyrus (Siroos), 853-3361/259-5641.
Ride needed/form carpool: N. Melbourne/Eau Gallie to LCC area, flexible hours, David, 861-6994/259-8944.
Ride needed/form carpool: Rockledge to CCAS/ROCC, 7:00-3:00, Wallace, 853-5211/633-9434.
Ride needed/form carpool: Titusville, Highway 50 and Barna to HQ/O&C Areas, non-smoker, 7:00-3:30, flexible, Zeitlin, 861-7909/269-2695.
Ride needed/form carpool: Titusville, U.S. 1 to Patrick AFB, AFTAC Area, Shawn, 867-3073/259-6679.
Ride needed/form carpool: S. Titusville to CCAS Industrial Area, non-smoker, 7:00-3:30, Williams, 853-2592/268-2974.

GARAGE SALE

Garage sale: July 17, 8-2, Merritt Island, 4240 Blossom Circle, Noble, 453-7656.
Garage sale: July 17, 8-12, Titusville, 2733 Riviera Drive, miscellaneous household items, toys, computer parts.

REAL ESTATE FOR SALE

House: Eau Gallie, 3-B/R, 2-bath, remodeled, large family room w/fireplace, screened porch, new paint/roof/soffit/fascia, \$64,900, Taylor, 242-3327.
House: E. Merritt Island, 3-B/R, 2-bath, 2-car garage, canal, direct Banana River access, 1650 sq. ft., move-in condition, \$136,900, Donna, 453-8990.
House: Merritt Island, River Moorings, 4-B/R, 3-bath, 3-car garage, canalfront, lakefront w/waterfall, pool, \$325,000, Ed, 454-7650.
House: Mims, 4-B/R, 2 1/2-bath, 2-car garage, 1.0+ acre, 2450 sq. ft., 16'x43' porch, \$99,900, Frisbee, 268-3224.
House: Titusville, 3-B/R, 2-bath, sprinkler system, well, \$58,900, Mears, 453-4451, after 5 p.m.
House: E. Orlando, Waterford Lakes, 3-B/R, 2-bath, living/dining/family rooms, alarm system, large kitchen, oversized lot, \$138,500, Keyser, 384-6400.
House: Ocala National Forest, Owens Lake, Silver springs, 2-B/R, 2-bath, furnished, clear lake for swimming/fishing/watersports, \$80,000, 268-5418.
Lot: Canaveral Groves, 1.0 acre, 150'x300', high, dry, motivated seller, \$16,500, Tobin, 454-1734, pager.

AUTOMOBILES & RV'S FOR SALE

1970 Ford F250 pickup, V8, 360 engine, runs good, \$800, Richardson, 383-4591.
1975 Cadillac Coupe Deville, original owner, cold A/C, loaded, all mechanical records, garaged, very good condition, \$1500, Kassak, 383-0731.
1980 Datsun 210, runs, \$150, Lewis, 631-6387.
1981 Winnebago Chieftain, Class A, 31', dual air, sleeps 6, Onan 6.5 generator, 69,000 miles, \$8000, Alvut, 383-0007.
1981 Camaro, Z28, 350, T-tops, A/C, A/T, \$3495/B.O., Foye, 452-8262.
1986 Toyota Corolla, 2-door, sunroof, fair condition, runs great, \$850, Jackson, 634-5325.
1986 Ford Mustang 5.0, GT, 302 high output, convertible, A/C, P/W, P/L, too many extras to list, Pittner, 454-9648.
1986 Chevy Suburban, 350, new paint/headliner/seats, roof air, third seat, high miles, Strickland, 452-5160.
1987 Chevy Blazer, 4wd, excellent condition inside/out, \$3800/B.O., Wix, 452-0490.
1989 Toyota Camry, LE, V6, new calipers/rotors/tires/water pump/radiator/AC compressor/belts, engine does not turn over, \$1000/B.O., 454-6869.
1989 GMC Safari van, V6, dual A/C, A/T, loaded, \$3000, 631-3740.
1990 Nissan Pathfinder, V6, 4wd, all power, brush guards, step-ups, new water pump, 120,000 miles, good condition, \$7500, 459-0861.
1992 Dodge Caravan SE, champagne gold/tan interior, 3.3L engine, 40,000 miles on new transmission, options, garage kept, non-smoker, \$4700, 690-0083.
1993 Chevy S-10 Blazer, 4-door, A/C, all power, white, excellent running condition, \$9700/B.O., Clontz, 639-3558.
1995 Allegro 32' motorhome, non-smokers, like new, w/Saturn tow car, Shanley, 268-9917.
1995 Nissan SE pickup, 5-speed, 59,000 miles, \$7450; 1985 Ford F-150 pickup, 6-cylinder, A/C, P/S, 74,000 original miles, \$2700/B.O., Alan, 268-5785.
1995 Saturn SC2, A/T, sunroof, P/W, P/L, new tires, turquoise, 46,000 miles, \$9495/B.O., Weldon, 768-6164.
1997 Dodge Caravan Sport, V6, P/W, P/D, 16" aluminum wheels, 7-passenger, quad buckets, security, keyless entry, CD, luggage rack, \$15,000, 264-0680.
1997 Camaro, 3.8L, V6, A/T, all power, T-tops, tinted windows, new tires, 45,000 miles, excellent condition, \$13,200, Armiger, 269-5072.
1997 Plymouth Breeze, A/C, A/T, tilt, C/C, AM/FM/cassette, black w/gray interior, 42,000 miles, \$9950, Guseman, 639-2894.
1998 Toyota Corolla LE, A/T, power moonroof, CD, Alarm, keyless entry, 18,000 miles, transferrable extended warranty, \$13,500/B.O., Crowell, 454-4123.

HOUSEHOLD FURNISHINGS FOR SALE

Desk, 2-drawer, brown, for office, \$30, Frisbee, 268-3224.
Glass coffee table & end table, 4 dining room chairs, china cabinet, B.O., Frank, 264-0603.
Metal trundle bed w/2 twin mattresses, newly upholstered, \$100; 6 wood dining room chairs w/upholstered back & seat, \$100/all or \$20/each, 453-4905.
Combo crib/youth bed w/2 storage drawers, 3-drawer chest, walnut finish, includes sheets & pads, from J.C. Penney's, used 1 year, \$250, 773-8908.
Entertainment center, dark oak, solid wood, 66"h x 60"w, \$150, Jennings, 427-7809.
Country loveseat, blue, \$75, Hokett, 459-1813.
Sofa sleeper, matching loveseat; dining room table, 6 chairs; baker's table; dining room table, 6 chairs, buffet server; coffee table; rolltop desk, 537-2616.
Antique sideboard, 1930's, \$150, Blackburn, 453-6423.
La-Z-Boy sofa w/2 built-in recliners, desert print fabric, \$400; 2 La-Z-Boy recliners, 1 brown, 1 beige, like new, \$300, Crowell, 454-4123.
PVC table, 4 chairs, \$140, Charlick, 636-7926.
Child Craft crib/youth bed, nightstand, changing table, solid oak, \$400/B.O., Glenn, 631-6230.
Child Craft crib, mattress, oak, \$150, Gari, 449-9238.
Standing wood & glass gun case, \$60; pictures frames, various sizes, up to \$10, Mike, 452-5345.
Sectional sofa, excellent condition, \$300; small entertainment center for 27" TV, \$50, Tobin, 452-3954.
4' round dining room table, 2' leaf, medium oak, \$160, MacFarlane, 631-6360.
Child Craft honey oak crib/bed w/end drawers, nightstand, 4-drawer chest w/flip-top changing table, mattress, \$350, Carter, 264-0565.
Solid wood dining room table, 6 chairs, modern formal design, good condition, \$250; black lacquer coffee table, 48"x48", \$25, 264-2469.
Dresser, 4-drawers, dark oak finish, \$65, Smith, 635-8872.
Wooden futon w/firm mattress, green mattress cover, \$150, Grayson, 275-2275.
4 dining room chairs, cloth w/off-white pastel colors, 1-year old, excellent condition, \$160, Jeff, 242-6377.
Sears Winnie the Pooh crib mattress, excellent condition, \$30/B.O.; square pecan coffee table, \$20/B.O., Rob, 636-4678.
Marble pedestal for dining room table, heavy duty, \$125, Vinson, 773-3782.
Little Tykes race car bed, blue, crib mattress included, \$75, Sandy, 407/365-0894, Oviedo.

APPLIANCES FOR SALE

Sharp Carousel microwave, new, still in box, \$80, Blackburn, 453-6423.
Dryer, \$100; washer, \$50, Griffin, 269-5223.
Kenmore heavy duty washer & dryer, almond, good condition, \$150, DeBusman, 267-8335.
Sears Kenmore 60 series heavy duty washer, \$125; Maytag heavy duty gas dryer, \$75; G.E. 5-cycle heavy duty extra large electric dryer, \$65, 449-9238.
Toshiba microwave, \$45, Mike, 452-5345.
Upright freezer, excellent working condition, \$200/B.O., Mears, 452-4451.
G. E. refrigerator, 22 cu. ft., beige, \$150, Vinson, 773-3782.

MOTORCYCLES & EQUIPMENT FOR SALE

1992 Harley Davidson dresser, ultra classic, \$11,500, Carlsen, 631-6414.
1994 Honda Rebel, 250 cc, like new, low miles, \$2100/B.O., Carson, 631-9362.
1994 Yamaha RT-180 dirt bike, helmet, excellent condition, 631-3740.
Helmet, boots, globes for motocross, \$75/all, Tobin, 452-3954.
Motocross AXO youth pants, size XS; AXO white race boots, size 4/5; O'Neal mini-racer chest protector, \$80/all, Garrett, 267-6568.

BOATS & EQUIPMENT FOR SALE

14' fiberglass boat, 2 live wells, pedestal seats, no motor, trailer, will deliver, good condition, \$500, Burris, 635-8272.
16' Hobie catamaran, trailer, cat tracks, \$1100; Fiberglass sea kayak, surf ski style, \$300, Hamilton, 868-2057.
16' Prindle catamaran, 6:1 blocks, double trap, sail tube, extras, trailer, excellent condition, \$1000, Tony, 268-5939.
18' Cobia bowrider, 115 h.p. Sea Drive, recent rebuild, new parts/upholstery, trailer, very good condition, \$3200, Burris, 635-8272.
18' Cobia cuddy cabin, 6 seats, Johnson GT150 V6, 2 tops, 2 gas tanks, fishfinder, stereo, freshwater tank, trailer, Buddy bearings, skis, \$3900, 242-3327.
19' Arrow Glass, Mercruiser I/O, 250 cu. in., 6-cylinder engine, trailer, radio, excellent running condition, \$900, Clemens, 427-1561.
20' Grady White overnighiter, 1990, 200 h.p. Yamaha, 1995, <100 hours, new trailer, downrigger/outriggers, depthfinder, VHF radio, \$18,500, 452-1117.
1997 Sea Ray, 135 h.p. Mercruiser I/O, transferrable 5-year warranty, Bimini, custom canvas cover, low hours, \$12,395, Horn, 631-8096.
9.8 h.p. Mercury outboard, 6 gallon tank, manual, recently serviced, \$400, Rusty, 784-8601.
9.9 h.p. Sears Gamefisher outboard, made by mercury, less than 1-year old, like new, \$1000, 264-2469.
40 h.p. Mercury outboard, 1990, 4-cylinder, trim & tilt, \$1500; Det Mar steering helm, new, \$20, 783-0808.
ACR 406 Epirb, 1998, stored inside, excellent condition, \$625/B.O.; Four Winds wind generator, centrifugal brake & regulator, new, \$1295/B.O., 783-4818.
Quicksilver Tempest water ski combo, never in water, new, \$85; Quicksilver Tidalwave wakeboard w/sandals, \$85, new, Esposito, 453-5932.
Sailboat jack stands, 4 total, \$20/each; Baja hi-tech diesel fuel filter, \$30; lighted compass, \$35, Mike, 452-5345.

MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE

Kirby Heritage vacuum, excellent condition, includes all accessories including shampooer, \$195/B.O., 783-4818.
Kenwood receiver, \$50; Sansui cassette deck, \$20, both need repairs, Bruce, 633-6121.
AM/FM stereo cassette, Chrysler product, \$50, Blackburn, 453-6423.
Pentax 35mm camera, electronic flash, multiple lenses, Griffin, 269-5223.
Sega Genesis, 2 controllers, 2 games, new, B.O., 268-3224.
PA, 2 Peavy Bass, 15" Black widows, \$250; Peavy CS1200, \$500; 2 Yamaha 12" mids, \$200; 2 horns, \$100; Boss digital delay, \$250, all \$700, 242-3327.
1992 Yamaha E50 electronic organ, walnut finish, mint condition, bench, sheet music, \$2800, Esposito, 453-5932.
Super Nintendo, 2 games, 13 strategy magazines, \$35, Takach, 452-1737.
Macintosh Performa 630CD computer, Stylewriter II printer, monitor, keyboard, mouse, MS Word, more, B.O., Steve, 453-8742.
Toshiba 486DX laptop, software, \$400; Sansui quadraphonic receiver, \$80, Mike, 452-5345.
Video card, Viper V770 Ultra TNT2, AGP, 4X, 32 Mb, \$250, McIntosh, 784-0553.
HP 1000 CD color printer, 8 1/2"x11" & 11"x17" capable, \$250, Rick, 459-1253.
Direct TV satellite system, Hughes brand dish, 2 receivers, used 4 months, \$200, Hamilton, 868-2057.
Sony 8mm camcorder, 2 4-hour batteries, charger, tapes, \$540, MacFarlane, 631-6360.
Apple extended keyboard II w/mouse, very good condition, \$25, Gorrell, 267-9464, after 6 p.m.
Super Nintendo & Playstation games, \$5/up; Computer games: Combat Flight Simulator, \$20; others, \$10/up, Wratchford, 636-4678.
Computer, P166, 3.2 GB H/D, 12X CD ROM, 1.44 floppy, modem, SVGA monitor, \$345, 631-0588.
4 J.L. Audio 10" speakers, in box, w/1 series, \$275/B.O., 267-8089.
Cellular telephones: Nokia, Motorola, still activated, \$15/each, John, 733-1994.

MISCELLANEOUS FOR SALE

School uniforms, St. Mary's, boy's pants, 29" waist, long/\$10, short/\$5; polo shirts, YM (10-12), 3 for \$30, Garceau, 639-4600.
Offshore fishing poles, 2 Sam Scott, S/S roller tips; 2 Penn 4.0 reels, \$75/each; Penn Gigmaster 500 reel w/offshore pole, \$50, Barry, 452-1502.
Home Craft 9" band saw bench top, belt drive, \$60; Ford 3/4 ton leaf spring for van or pickup, \$60/pair, 783-0808.
Sears stairstepper, \$100, George, 269-5911.
Slate pool table, Marisa, 537-2616.
Diamond solitaire, marquise cut, .80 carat, color J-K, clarity SI1, 14 karat mounting, \$2000, Jeff, 452-8617.
Weslo electric treadmill, 1 h.p., 0-6 mph, 10% incline, \$110, Walton, 383-3219.
Whirlpool 5000 btu air conditioner, \$150; Surfboards: 7'-6" longboard, \$80; 6'-10" tri-fin, \$90; boy's 24" 15-speed mountain bicycle, \$25, Bruce, 633-6121.
Goodyear Eagle GTII P225/16R16 tire, \$50, Blackburn, 453-6423.
Matel 3-wheeler w/electric motor, \$40, Clarlick, 636-7926.
Remote control airplanes: Cherokee 40; Tiger 2, both 75% complete; 2 Airtronics radios, 4 & 6 channel, 2 engines, extra parts & pieces, \$675, 268-2730.
Little Tykes swing, \$7; Playskool toy laptop computer, \$10; Talking See N' Say, \$5, Benson, 633-9332.
Briggs & Stratton 16 h.p. 4-cycle horizontal shaft engine w/electric start, new, \$525, DeBusman, 267-8335.
Volkswagen parts: 3 new CV joints & boot kits, points, condenser, clutch, \$110/all, Zeps, 632-0238.
Lawn tractor ramps for back of truck, \$20/set, 631-3740.
Sears 19 h.p. lawn tractor, 46" cut, still under maintenance warranty, excellent condition, \$975, Harrell, 632-4442.
Ab & Back by Jake, \$50; rowing machine, \$25; fireplace insert, gas, vent free, \$150; 3 20"x4" PVC sewer pipe, \$15, Beverly, 504-4544.
Weider weightbench w/leg extension, \$70; men's roller blades, size 11, \$40; felt cowboy hat, \$10, Mike, 452-5345.
Child's electric 3-wheeler, \$35; Little Tikes playhouse, \$50; big sit on Barney, \$20; sit & rock lion, makes sounds, \$15, Francis, 639-6149.
Clear Shield hurricane shutters: 33": 8 clear, 2 black; 47", 4 clear; 71", 24 clear, 26 black; panels/track for 2-car garage door, all \$2000/B.O., 454-4549.
Solar water heating panel, 4' x 10' aluminum frame, mounting hardware, \$175; Lifestyler Cardiofit, \$50, Richardson, 452-0956.
Contico truck toolbox, black, 2 locking lids, like new, \$45, Anseh, 383-0256.
DP Air Strider bicycle, \$40, MacFarlane, 631-6360.
Hooked on Phonics, complete set, \$150, Bell, 784-4761.
Chain link drive-through gates, 5' each, 2 total, \$10, Carson, 631-9362.
Sesame Street activity gym, \$5; infant/toddler toys; Graco stroller, \$50, Ammons, 383-8865.
Taekwondo head gear & chest protector, size XS, \$20; Flex Force gym w/free action stepper, \$100, Garrett, 267-6568.
Dump trailer for yard tractor/lawnmower, 10 cu. ft., red, \$75, Michael, 383-9872.
Golf clubs: King Snakes, 3-PW, stiff shaft, \$300; new grips, tour wraps, \$80, Smith, 635-8872.
350 short block, needs rebuild, \$225; 7.5" Chevy posi unit, \$150; 5" Monster tach, \$60; 8,000 pound worn winch, \$550, Grayson, 275-2275.
King bedspread w/shams, floral blue & white, \$20/B.O., Wratchford, 636-4678.
1997 metal 3-horse slant load gooseneck horse trailer, excellent condition, \$4200/B.O., Giles, 639-6283.
Graco airless paint sprayer, commercial type, 50' hose & gun, needs pump rebuild, \$225/B.O., McGinley, 453-1684, days/evenings.
Louisville Slugger Air Attack softball bat, pressurized chamber, 32", 20.5 ounce, 4 months old, like new, Mitchell, 269-7793.

MISCELLANEOUS WANTED

Records: Rock, Blues, Jazz, Fussion, 783-0808.
Enclosed trailer, 12'x6', or equal, Conner, 269-5514.
Carport/sunshade, Gurnavage, 631-7923.
Extra large step-in wetsuit, Glenn, 631-6230.
All white kitten, Bonnie, 632-0232.
Large wire foldable cage for 65 pound dog, Johnson, 453-3834, leave message.
Ladies 26" single speed bicycle, must have fenders, old fashioned style, reasonably priced, 636-2336.
Davis Classic wooden tennis racket, Carter, 264-0565.
Hunting lease, Central Florida, Grayson, 275-2275.



867-4714



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